PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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E TRANSMITTAL		Complete if Known		
ETRAPEL IRAN	SWILLAL	Application Number	10/630,612	
for FY	2004	Filing Date	July 30, 2003	
		First Named Inventor	Norihiko Furuta	
Effective 10/01/2003. Patent fees are subject to annual revision.		Examiner Name	Hook, James F.	
Applicant claims small entity status. See 37 CFR 1.27		Art Unit	3752	
TOTAL AMOUNT OF PAYMENT	(\$) 180.00	Attorney Docket No.	488-00057	

METHOD OF PAYMENT (check all that apply)	FEE ĆALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity Small Entity			
Deposit	Fee Fee Fee Fee Fee Description	Fee Paid		
Account Number 01.2000	1051 130 2051 65 Surcharge - late filing fee or oath	ree Paid		
Deposit Andrea Canalan Starks & Causell LLD	1052 50 2052 25 Surcharge - late provisional filing fee or			
Account Name	cover sheet			
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamin.	ation		
Charge fee(s) indicated below Credit any overpayments	1804 920* 1804 920* Requesting publication of SIR prior to	adon		
Charge any additional fee(s) or any underpayment of fee(s)	Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month			
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month			
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month			
Code (\$) Code (\$)	1255 2.010 2255 1.005 Extension for reply within fifth month			
1001 770 2001 385 Utility filing fee	1401 330 2401 165 Notice of Appeal			
	1402 330 2402 165 Filing a brief in support of an appeal			
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceedi	na		
	1452 110 2452 55 Petition to revive - unavoidable			
SUBTOTAL (1) (\$) 0.00	1453 1,330 2453 665 Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330 2501 665 Utility issue fee (or reissue)			
Fee from Ext <u>ra Claims below Fee Paid</u>	1502 480 2502 240 Design issue fee			
Total Claims 7 -20** = X = 0	1503 640 2503 320 Plant issue fee			
Independent 3 - 3** = X = 0	1460 130 1460 130 Petitions to the Commissioner			
Multiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Str	nt \$180.00		
Fee Fee Fee Fee Fee Description Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be			
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RC	;E)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application			
SUBTOTAL (2) (\$) 0.00	Other fee (specify)			
**or number previously paid, if greater; For Reissues, see above \$\text{SUBTOTAL (2)} \tag{\$\text{(\$) 0.00}} \tag{*Reduced by Basic Filing Fee Paid} \text{SUBTOTAL (3)} \tag{\$\text{(\$) 180.00}}				

SUBMITTED BY				(Complete	(if applicable))
Name (Print/Type)	Peter-T. Holsen	Registration No. (Attorney/Agent)	54,180	Telephone	414-271-7590
Signature	Jetu 7/Het			Date	July 21, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:	CERTIFICATE OF MAILING
NORIHIKO FURUTA	I hereby certify that this correspondence is being
Application No. 10/630,612) deposited with the United States Postal Service) with sufficient postage as first class mail in an) envelope addressed to: COMMISSIONER FOR
Filed: July 30, 2003	PATENTS, P.O. Box 1450, Alexandria, VA 22313- 1450, this 21st day of July, 2004.
Group Art Unit: 3752) 1430, this 21st day of Jury, 2004.
Examiner: Hook, James F.	Corinne Lindberg 7/21/04
HOSE WITH CORRUGATED METAL TUBE	Corinne Lindberg Date
)

INFORMATION DISCLOSURE STATEMENT

MAIL STOP: FEE COMMISSIONER OF PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Sir:

Enclosed is PTO Form 1449 as well as a copy of each of the non-U.S. patent references cited therein.

The references are being submitted in accordance with 37 CFR 1.97(c) and the requisite fee of \$180.00 is attached hereto.

The Commissioner is hereby authorized to charge any additional fees in connection herewith to Deposit Account No. 01.2000. A duplicate copy hereof is enclosed.

07/27/2004 SMINASS1 00000031 10630612

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It is respectfully submitted that all requirements have been fulfilled for consideration of this

Information Disclosure Statement, and such action is earnestly solicited. The Examiner is invited to contact Applicant's undersigned attorney with any questions or comments, or otherwise to facilitate prosecution.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

Peter T. Holsen Reg. No. 54,180

Andrus, Sceales, Starke & Sawall, LLP 100 East Wisconsin Avenue, Suite 1100 Milwaukee, WI 53202 (414) 271-7590

Attorney Docket No.: 488-00057

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bstitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/630,612			
Filing Date	July 30, 2003			
First Named Inventor	Norihiko Furuta			
Art Unit	3752			
Examiner Name	James F. Hook			
Attorney Docket Number	488-00057			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	US- 20020007860	01/24/2002	K. Katayama et al	
····		^{US-} 6,354,332	03/12/2002	C. Burkhardt et al	
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Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
 	Country Code ³ "Number ⁴ "Kind Code ⁵ (If known)	· MM-DD-YYYY		Or Relevant Figures Appear	۳
	JP, A, 2001-182872	07-06-2001	E. Yukinobu		
	JP, A, 2001-182872		(Eng. Abstrct)		
	JP, U, 51-150511				
	JP, U, 51-150511		(Eng. Abstrct)		

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required by 37 CPR 1.37 and 1.39. The information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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